

THE CONTENTS OF THIS SECTION ARE
THE HIGHEST QUALITY AVAILABLE

INITIAL mmn DATE 7/30/01

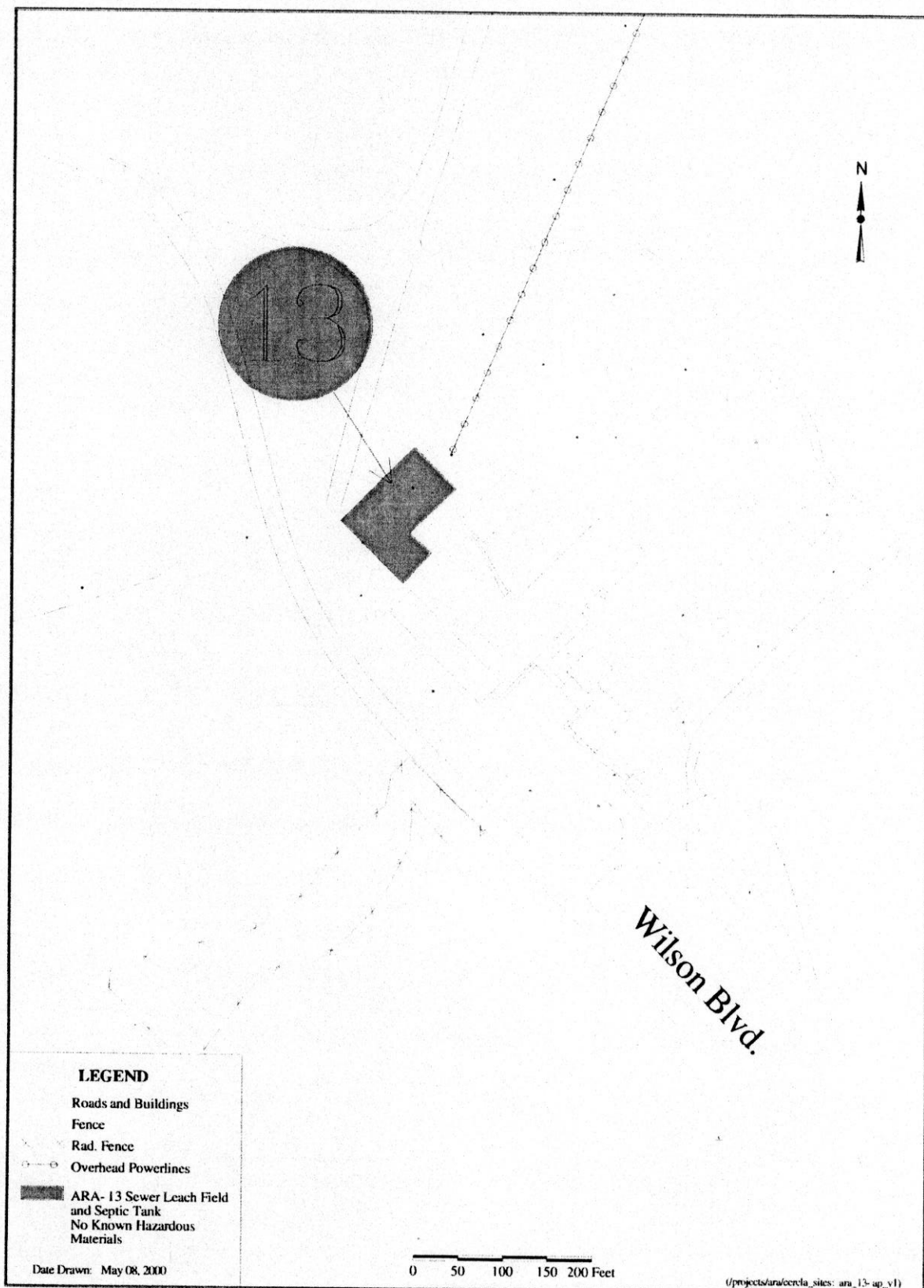


Figure 3-4. ARA-13 Sanitary Sewer Leach Field and Septic Tank.

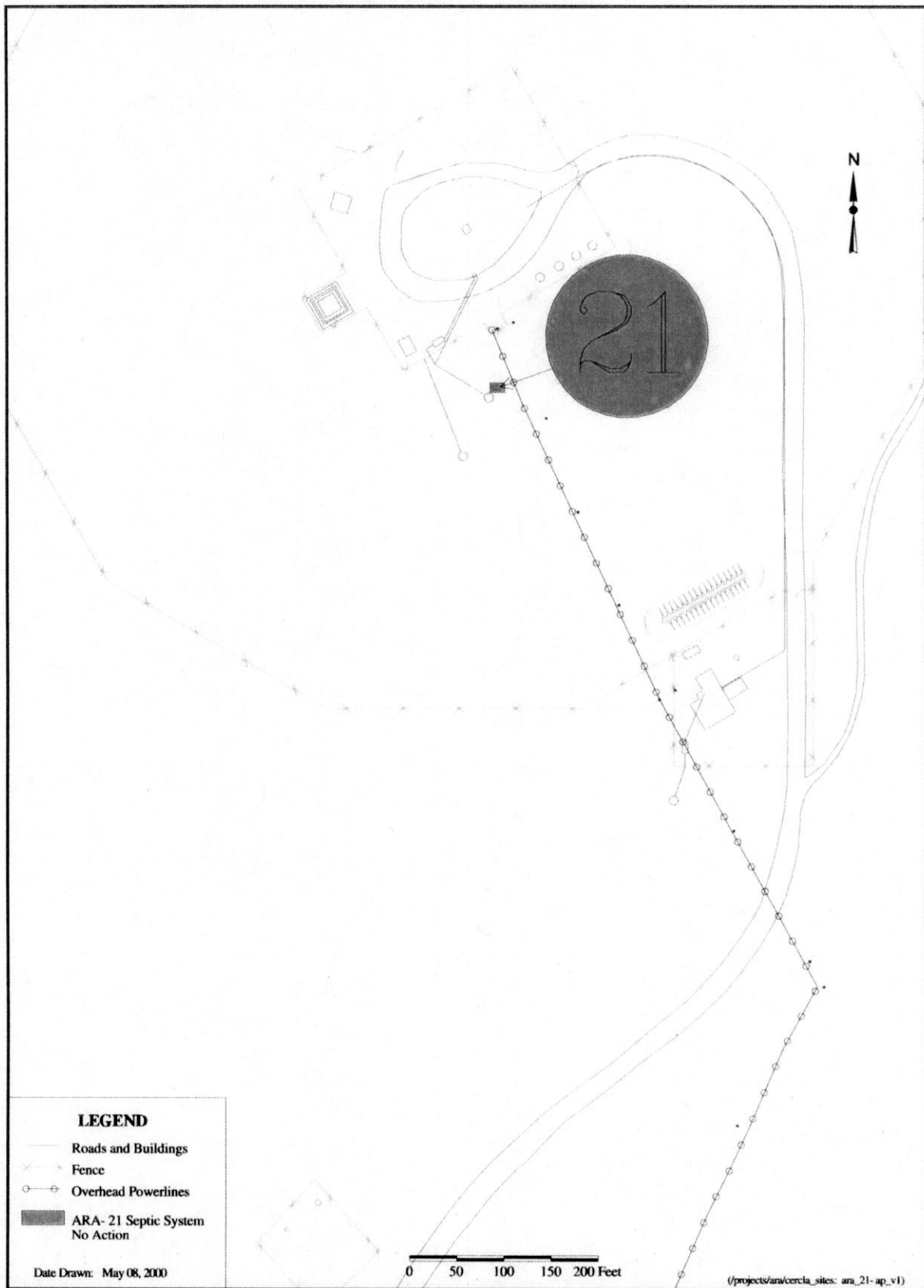
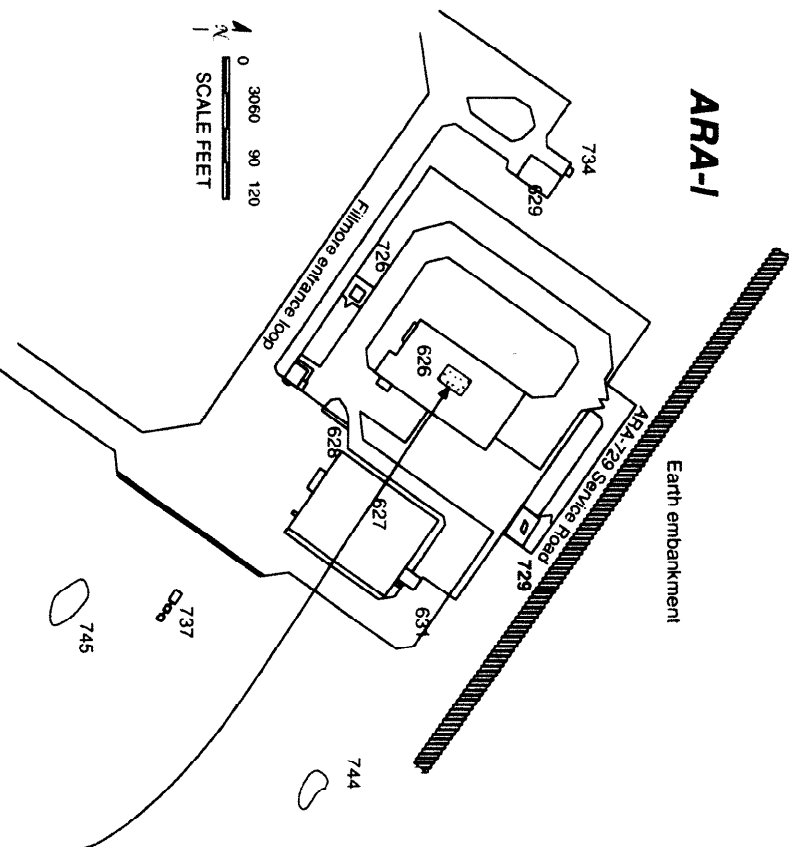


Figure 3-5. ARA-21 Test Area IV Septic Tank and Leach Pit No. 2.



Contaminant Profiles

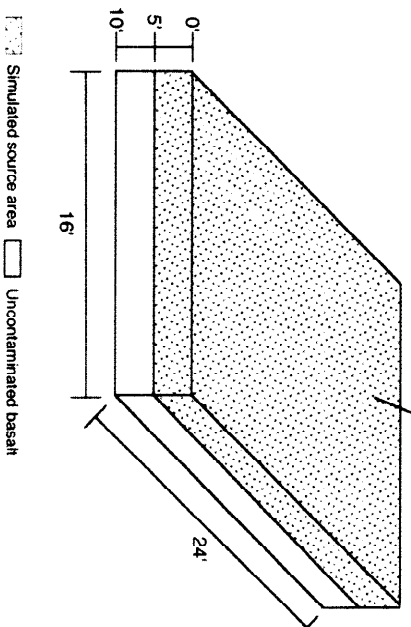
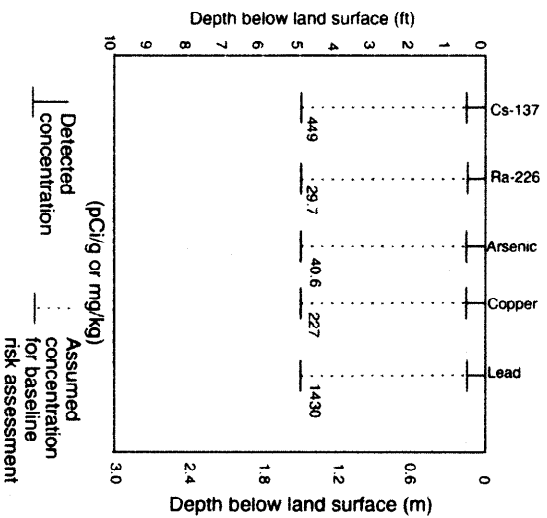


Figure 3-6. ARA-25 Soils beneath the ARA-626 Hot Cells.

3.3.1 ARA-02 Sanitary Waste System

The areas directly associated with the manholes, tanks, and pipelines will be cleared of vegetation in accordance with Specification 02200, Earthwork, provided in Appendix B. A utility survey will be conducted to identify and mark all subsurface utilities in the task site area. Part of the fencing surrounding the eastern areas will be removed to allow for equipment access. Radiation surveying will be performed in the radiologically or otherwise controlled areas.

3.3.2 ARA-07: ARA-II Seepage Pit to East

Radiation surveying will be performed inside the controlled area. There is radiological fencing surrounding the area within which ARA-07 resides. The controlled access fencing surrounding the area will be opened, as necessary, for equipment access. Fencing surrounding the actual seepage pit will be completely removed and either recycled or disposed of at an approved facility.

3.3.3 ARA-08: ARA-II Seepage Pit to West

Radiation surveying will be performed inside the controlled area, as required, for easement and access to the seepage pit. Controlled access fencing surrounding the area will be opened, as necessary, for equipment access.

3.3.4 ARA-13: ARA-III Sanitary Sewer Leach Field and Septic Tank

The metal guard posts surrounding the septic tank will be removed to allow for equipment access.

3.3.5 ARA-16 Radionuclide Tank

Radiation surveying will be performed inside the controlled area. Fencing surrounding the task site will be completely removed and either recycled or disposed of at an approved facility.

3.3.6 ARA-21: ARA-IV Test Area Septic Tank and Leach Pit No. 2

Radiation surveying will be performed inside the controlled area surrounding the seepage pit.

3.3.7 ARA-25: Soils Beneath the ARA-626 Hot Cells

No site preparation is required.

3.4 Earthwork

All earthwork involving excavation and backfill will be graded to encourage drainage away from the excavation as per Specification 02200, Earthwork, provided in Appendix B. Those areas that are disturbed by earthwork activities will be revegetated as per the requirements set forth in Section 5.3.8. Standard dust control measures (water spray, stop work during high winds, etc.) will be employed during all earthwork.

3.5 Surface Water

Contouring and grading of backfilled excavations will be performed to maintain existing surface water flow patterns at each of the tank removal sites. Revegetation of the backfilled excavations will be done to control the growth of noxious weeds.

3.6 Task-Site Staging

A laydown and stockpile area will be necessary at each site to stage equipment and materials close to the work. The staging areas will be located so that noncontaminated materials and equipment operate in work areas isolated from contaminated materials and equipment. A temporary decontamination area for personnel and equipment decontamination shall be established at the control point for each area in accordance with the decontamination requirements of the project health and safety plan (HASP) (INEEL 2000). Spill prevention and control will be maintained for the staging areas.